

Lidbury



RURAL DISTRICT COUNCIL OF MILLOM

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and

CHIEF PUBLIC HEALTH INSPECTOR

for the year

1958





RURAL DISTRICT COUNCIL OF MILLOM

*With the Compliments
of the Medical Officer*

52A LAPSTONE ROAD,
MILLOM,
CUMBERLAND.

PHONE 250

(1)

HEALTH DEPARTMENT STAFF

E.A. Perrott	M.D., B.S., D.P.H. Medical Officer of Health and Assistant County Medical Officer.
J. Hankcy	Assoc.Inst.H.E., A.M.I.San.E., M.R.San.I., M.R.I.P.H.H. Surveyor and Chief Public Health Inspector.
J.H. Dawson	M.R.San.I. Additional Public Health Inspector.
C. Nowton	A.R.San.I. Additional Public Health Inspector.
Miss B. Jenkinson	Clerk to Surveyor and Chief Public Health Inspector.
Miss J. Gibson	Medical Officer's Clerk for Rural District Council and County Council work.
F.A. Richardson	General Clerk, and Assistant to Surveyor and Chief Public Health Inspector.

Tel: Millom 250.

Health Department,
52a, Lapstone Road,
Millom.

May, 1959.

To the Chairman and Members of the
Rural District Council of Millom.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my report for the year 1958.

The statistics now requested by the Ministry include one for neonatal mortality. It is just these numbers that have shown the smallest decension in recent years. The perinatal mortality (stillbirths + neonatal deaths) gives perhaps the best guide to the health of a district that is at present obtainable. These statistics for 1958 are extremely satisfactory.

The live birth rate was 18.72 (England and Wales 16.4).

The death rate was 9.85 (England and Wales 11.7).

The infant mortality rate was 22.38 (England and Wales 22.5).

The stillbirth rate was 11.07 (England and Wales 21.6).

The maternal mortality rate, for the first time for five years, was Nil.

Notifications of infectious disease, including tuberculosis, numbered only 53 - the lowest on record for many years. This figure would have been lower still if there had not been a small outbreak of Sonné dysentery at Haverigg Camp, where there were 20 cases. No-one was seriously ill - Sonné being a relatively mild form of dysentery. There were 10 new cases of tuberculosis - a big decrease from 1957 when there were 23.

The year was, in the main, uneventful from a public health point of view. No new building work was undertaken, and there were no major improvements in sanitation or water supplies. The formation of a new joint water board for Whitehaven and the Ennerdale and Millom Rural Districts, although agreed to in principle, had not come into being at the end of the year. One block of houses at Whicham Terrace was connected to the main supply and this will be followed up by a small sewage disposal works for the same group of properties. Water supplies were adequate throughout the year and no pumping was needed. Complaints were frequent, and justified, of the discolouration of the water

in the Holmrook and Drigg areas, with at times a very heavy deposit of iron rust as a sediment. The result of supplying this district from Wastwater instead of Linbeck was that the increased pressure disturbed the lining of the old water mains and pipes. By the end of the year some definite improvement in the appearance of the water had taken place.

Although there was no new building, the reduction in the Bank rate turned thoughts once more in the direction of Old People's Bunaglows, and it is hoped that plans for these will soon be forthcoming for a site in Devonshire Road. Two great advantages of this district are that the ground is level and that all main services are already available. The removal of old people to bungalows will free a corresponding number of larger properties for younger families.

The building of the new Millom Comprehensive School has progressed according to plan, and it is hoped that it will be opened in September, 1959. A scheme is in hand for providing an open air swimming pool for the school, built partly by direct labour. It is the necessity of providing continuous chlorination that adds to the cost. An indoor bath for the town of Millom would be an even greater advantage to the district, but the cost at the moment puts it out of court.

The fabric of the Council Chamber building and Clock Tower has been deteriorating for years, but during 1958 both became unsafe and a danger to the public. Major works of restoration have become necessary and will be undertaken as soon as possible.

Finally, I should like to thank the Council for their continuous and unfailing assistance and co-operation, and the staff for their ever ready help.

I am, Ladies and Gentlemen,
Your obedient Servant,

E.A. PERROTT,
Medical Officer of Health.

(4)

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

GENERAL STATISTICS

Area of District in acres	90,911
Registrar General's estimate of resident population	14,310
Number of inhabited houses according to Rate Books	4,490
Rateable Value	£105,762
Sum represented by a Penny Rate	£416.10.5

Unemployment.

The employment situation at the end of the year gave great cause for thankfulness. There was virtually no unemployment of able persons. The taking over of the Ironworks by two private firms resulted in a return to normal working during the year, and the amalgamation of the Nylon factory with the Elbeo firm in Germany will result in further development by that firm. No girl leaving school at Christmas was without a job, although some boys were still not employed when the year closed.

(5)

VITAL STATISTICS FOR THE DISTRICT

				<u>Male</u>	<u>Female</u>	<u>Total</u>
<u>Live births</u> - legitimate	...	...	...	132	124	256
illegitimate	...	...	...	2	10	12
Total	...	...	...	<u>134</u>	<u>134</u>	<u>268</u>
Live birth rate per 1,000 population	...	...	...			18.72
<u>Stillbirths</u> - legitimate	...	...	...	1	2	3
illegitimate	...	...	...	-	-	-
Stillbirths rate per 1,000 live and stillbirths	...	...	...			11.07
Total live and stillbirths	...	...	...	135	136	271
<u>Infant deaths</u> - legitimate	...	...	...	4	1	5
illegitimate	...	...	...	-	1	1
Infant mortality rate per 1,000 live births - total	...	...	...			22.38
" " " " " " " " - legitimate	...	...	...			19.53
" " " " " " " " - illegitimate	...	...	...			83.33
Neonatal " " " " " " " " - total	...	...	...			22.38
Illegitimate live births per cent of total live births	...	...	...			4.47
Maternal deaths (including abortion)	...	...	...	...	...	Nil
Maternal mortality rate per 1,000 live and stillbirths	...	...	...			Nil
Deaths (all ages)	...	...	...	74	67	141
Death rate per 1,000 population	...	...	...	...	...	9.85
<u>Deaths from:-</u>						
Cancer (all ages)				25 (+ 1 Leukaemia)		
Death rate from Cancer (all forms)	...	...	...	...	...	1.81
" " " " " " " (England and Wales)	...	...	...	...	...	2.12
Measles (all ages)	...	...	...	...	...	Nil
Whooping Cough	...	...	...	...	...	Nil
Diarrhoea (under 2 years of age)	...	...	...	...	...	Nil

(6)

Table showing the Vital Statistics for England and Wales as a whole and certain Groups in the County of Cumberland.

1958

	Birth Rate	Crude Death Rate	Infantile Mortality Rate
England and Wales	16.4	11.7	22.5
Administrative County of Cumberland	17.61	12.14	28.17
Urban Districts of Cumberland (including Boroughs of Workington and Whitehaven)	18.00	12.61	35.15
Rural Districts of Cumberland	17.35	11.82	23.20
Rural District of MILLOM	18.72	9.85	22.38

(7)

DETAILS OF DEATHS OF INFANTS UNDER ONE YEAR OF AGE

CAUSE OF DEATH	AGE IN WEEKS						AGE IN MONTHS				TOTAL DEATHS
	Under 1	1-2	2-3	3-4	Total under 1 month	1-2	2-3	3-6	6-9	9-12	
1a. Atelectasis.	1	-	-	-	1	-	-	-	-	-	1
1a. Intra uterine pneumonia.											
2. Prematurity.	1	-	-	-	1	-	-	-	-	-	1
1a. Prematurity.	1	-	-	-	1	-	-	-	-	-	1
1a. Prematurity.	1	-	-	-	1	-	-	-	-	-	1
b. Asphyxia.											
c. Atelectasis.	1	-	-	-	1	-	-	-	-	-	1
1a. Pulmonary atelectasis.											
2. Prematurity.	2	-	-	-	2	-	-	-	-	-	2

CAUSES OF DEATH FOR 1958

Cause.	M.	F.	Total.
1. Tuberculosis, respiratory	3	-	3
2. Tuberculosis, other	-	-	-
3. Syphilitic disease	-	-	-
4. Diphtheria	-	-	-
5. Whooping cough	-	-	-
6. Meningococcal infections	-	-	-
7. Acute poliomyelitis	-	-	-
8. Measles	-	-	-
9. Other infective and parasitic diseases	-	-	-
10. Malignant neoplasm, stomach	5	1	6
11. Malignant neoplasm, lung, bronchus	4	-	4
12. Malignant neoplasm, breast	-	2	2
13. Malignant neoplasm, uterus	-	2	2
14. Other malignant & lymphatic neoplasms	4	7	11
15. Leukaemia, aleukaemia	-	1	1
16. Diabetes	-	-	-
17. Vascular lesions of nervous system	6	14	20
18. Coronary disease, angina	15	11	26
19. Hypertension with heart disease	-	-	-
20. Other heart disease	13	13	26
21. Other circulatory disease	4	1	5
22. Influenza	-	-	-
23. Pneumonia	2	1	3
24. Bronchitis	2	1	3
25. Other diseases of respiratory system	-	-	-
26. Ulcer of stomach and duodenum	1	1	2
27. Gastritis, enteritis and diarrhoea	-	1	1
28. Nephritis and nephrosis	2	-	2
29. Hyperplasia of prostate	1	-	1
30. Pregnancy, childbirth, abortion	-	-	-
31. Congenital malformations	-	-	-
32. Other defined and ill-defined diseases	9	10	19
33. Motor vehicle accidents	2	-	2
34. All other accidents	1	1	2
35. Suicide	-	-	-
36. Homicide and operations of war	-	-	-
Total	74	67	141

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.Laboratory Services.

These were provided, as in previous years, by the Public Health Laboratory Service at the Cumberland Infirmary, Carlisle, under the direction of Dr. J. Steven Faulds.

Ambulance Facilities.

The ambulance services remained the responsibility of the Local Health Authority, i.e. the County Council, with the Millom Ambulance Committee acting locally for day to day administration.

Nursing in the Home.

The County Council, as the Local Health Authority, was responsible for the provision of all the following services - District Nurses, Midwives, Health Visitors and Home Helps.

Treatment Centres and Clinics.

The following sessions are held at the St. George's Road Clinic, Millom:-

<u>School Clinic.</u>	1st and 3rd Tuesdays	- 9.30 to 12 noon.
<u>Maternity and Child Welfare.</u>	" " "	- 2 to 4 p.m.
<u>Diphtheria Immunisation.</u>	" " " Wednesdays	- 10 to 11 a.m.
<u>Dental.</u>	Every Thursday	- 10 to 12 noon. 2 to 4 p.m.
<u>Speech Therapy.</u>	" "	- 10 to 12 noon. 2 to 4 p.m.
<u>Orthopaedic.</u>	3rd Mondays	- 10 to 12 noon. 2 to 4 p.m.
<u>Child Guidance.</u>	1st Fridays	- 1.30 to 4 p.m.

(Cont.)

Specialist Services.

<u>Medicine.</u>	4th Fridays	- 2.30 p.m.	<u>Dr. C.B.I. Willey.</u>
<u>Surgery.</u>	2nd Fridays	- 10.30 a.m.	<u>Mr. H.A. Daniels.</u>
	4th Thursdays	- 2.30 p.m.	<u>Mr. A.W.B. Strahan.</u>
<u>Gynaecology & Obstetrics.</u>	1st Fridays	- 2.30 p.m.	<u>Mr. T.E.C. Barns.</u>
<u>E.N.T.</u>	3rd Fridays	- 2.00 p.m.	<u>Mr. W.J.O. Page.</u>
<u>Chest.</u>	1st & 3rd Wednesdays	- 2.00 p.m.	<u>Dr. R. Hambridge.</u> <u>Dr. M.S. Hicks.</u>
<u>Eye.</u>	1st & 3rd Fridays	- 10.00 a.m.	<u>Mr. A.C. Reid.</u>

There is also a treatment clinic from 9 to 11 a.m. on every day except Friday when a nurse is in attendance to do dressings and give injections.

SCHOOLS.

All schools were inspected during the year, and sanitary defects reported to Carlisle.

Nutrition of School Children.

		<u>Satisfactory.</u>	<u>Unsatisfactory.</u>
Group I.	Entrants	280	12
Group II.	Born in 1948	219	10
Group III.	Born in 1944	170	8
Group IV.	Additional periodic	59	1
		<u>728</u>	<u>31</u>
	Percentage	96%	4%

Provision of School Meals and Milk.

All schools in the area are supplied with milk and school dinners.

SHELL FISH.

The Duddon Estuary Shell Fish Regulations, 1926, are still in force, and it is recommended that they remain so.

WATER SUPPLY.

I am indebted to Mr. F. J. Ellwood, Waterworks Manager, for the following report.

(1) General Report on Water Supplies.

	<u>Quality.</u>	<u>Quantity.</u>
Millom Town Supply (incl. Whicham and Green)	Very good	Very good.
Bootle	Very good	Good
Northern Area Devoke	Good	Good
Northern Area Wastwater	Very good	Very good
Santon Area Ennerdale	Very good	Good
Boot Area	Good	Very good

(2) Results of Bacteriological Examinations.

During the year 39 bacteriological examinations were made of water samples from public supplies.

	<u>No. of Samples.</u>	<u>No. negative in 100 ml.</u>	<u>No. positive in 50 ml.</u>	<u>% negative in 100 ml.</u>
Millom	4	4	-	100
Bootle	7	6	1	86
Devoke	7	6	1	86
Wastwater	5	5	-	100
Ennerdale	5	5	-	100
Boot	11	9	2	82

In addition one bacteriological examination was made of a water sample from a private supply.

Results of Chemical Analyses.

During the year three chemical analyses were made and were as follows :-

1. Baystone Bank {Filtered and treated}
2. Baystone Bank {Filtered and Treated}
3. Baystone Bank (Raw)

Parts per 100,000

	<u>No. 1.</u>	<u>No. 2.</u>	<u>No. 3.</u>
Chlorine as Chlorides	<u>1.1000</u>	<u>1.1000</u>	<u>1.1000</u>
Nitrogen as Nitrates	.0467	.0446	.0467
Ammonia	.0115	.0077	.0019
Albuminoid Ammonia	.0039	.0052	.0044
Oxygen Absorption	.1022	.1087	.1152
Injurious Metals	None	None	None
Total Solid Matter dried @ 100° C	<u>8.0000</u>	<u>5.0000</u>	<u>4.0000</u>
pH value of sample	7.0	6.9	6.8
		<u>Degrees.</u>	
Temporary Hardness	None.	None.	None
Permanent Hardness	<u>1.6000</u>	<u>1.6000</u>	<u>1.7000</u>
Colour of Sample on Hazen Scale	10	11	13
Appearance of Sample in 2 foot tube	Not quite clear.	Not quite clear.	Not quite clear.
Odour when heated to 50° C.	<u>None.</u>	<u>None.</u>	<u>None.</u>

No. 1. Microscopical Examination.
Satisfactory.Observations.

The sample affords no evidence of contamination by undesirable drainage and it is of good and wholesome quality for human consumption.

No. 2. Microscopical Examination.
Satisfactory.Observations.

The sample affords no evidence of contamination by undesirable drainage and it is of good and wholesome quality for human consumption.

No. 3. Microscopical Examination.

Very small deposit from $\frac{1}{2}$ gallon consisting of particles of ferric oxide, some vegetable debris and a few fungus growths and a few micro-organisms.

Observations.

The chemical analysis shows that the supply represented by this sample is of satisfactory quality for an untreated water.

Particulars of Supplies.Supply.Parishes supplied.

Millom	Millom: Millom Without: Whicham.
Bootle	Bootle: Eskmeals.
Northern Area (Devoke)	Muncaster: Carlton: Saltcoats.
Northern Area (Wastwater)	Scascale: Drigg: Holmrook: Irton with Santon.
Ennerdale (Bulk Supply)	Santon Area.
Boot (Whillan Beck)	Boot and Eskdale.

(3)

Report on Plumbo-solvency.

Although previous chemical analysis of the water from various supplies throughout the district, with the exception of Devoke supply, suggest the risk of plumbo-solvency is negligible, the Ministry of Health have approved a Byelaw prohibiting the use of pipes of lead or lead alloy for use in water services intended for the conveyance of water for human consumption.

(4)

Action in respect of any form of contamination.

With the exception of the Santon Area supply, which is received in bulk from the Ennerdale R.D.C., all supplies are chlorinated. When contamination of a raw water is indicated by increased "Chlorine demand" the gathering grounds of that particular source are inspected to ascertain the probable cause. Quite frequently contamination is caused by the unburied bodies of animals, particularly sheep. These carcasses are removed and buried elsewhere. The area where the carcass had lain is then treated with lime. Samples of water going into supply are regularly sent from all supplies for bacteriological examination and mains are periodically flushed.

(14)

(5)

Particulars of the number of dwelling houses and the number of the population supplied from public mains.

(a) Direct to house.

Area	Total.		Supplied direct.		Not supplied.	
	Popul- ation	No. of Houses.	Popul- ation.	No. of Houses.	Popul- ation.	No. of Houses
Millom	9,665	3,062	8,979	2,922	686	140
Bootle	957	289	903	277	54	12
Northern Area	2,734	861	2,141	684	593	177
Eskdale	407	122	240	72	167	50
Waberthwaite	383	92	nil	nil	383	92
Ulpha	164	64	nil	nil	164	64
Total	14,310	4,490	12,263	3,955	2,047	535

(b) By means of standpipes - Nil.

Observations.

Millom Supply Area.

During 1958 Lanthwaite Filter Station functioned satisfactorily. Rainfall over the Baystone Bank gathering grounds was sufficient to maintain the reservoir at a reasonable level without pumping from Hole House Pumping Station.

As anticipated the provision of a 5,000 gallon storage tank at School Ellis, together with the modification of the outlet main at Baystone Bank

undertaken during the early months of 1958, have completely overcome the lack of pressure in The Hill area referred to in the 1957 report.

Bootle Supply Area.

Fellside Filter Station worked satisfactorily during 1958 and water supplies were adequate throughout the area.

Northern Supply Area (Devoke).

While supplies to consumers from this source were plentiful during 1958, the chlorine demand of the raw water has again proved high and varied and it is as well that now only a small proportion of the Northern Area population take water from this source.

Northern Supply Area (Wastewater).

During 1958 water supplied from this source was very good in quantity and quality.

Santon Supply Area.

The bacteriological purity of water supplied to this area remained good during the year under review and fewer complaints were received than in previous years regarding lack of pressure.

Boot Supply Area.

Throughout the year water going into supply has been adequate in quantity and generally good in quality. Two doubtful reports were received of samples sent for bacteriological examination. Investigation proved that the contamination in one case originated in the scullery tap from which the sample was taken. The other sample led to the detection of a slight chlorination defect which was immediately rectified.

(Signed) F. J. ELLWOOD

Waterworks Manager.

Notifications of Infectious Diseases (other than Tuberculosis).

Arranged according to age groups.

DISEASE	Admitted to hospital						Deaths	
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	Over 45
Dysentery	-	-	2	-	2	18	-	-
Food Poisoning	-	-	1	-	-	-	-	-
Measles	-	3	3	1	-	-	-	-
Paralytic Poliomyelitis (with Bronch ₂ Pneumonia)	1	-	-	-	-	-	-	-
Puerperal Pyrexia	-	-	-	-	1	-	-	-
Pneumonia	-	-	-	-	-	1	-	-
Scarlet Fever	-	3	3	-	-	-	-	6
Whooping Cough	-	2	1	-	-	-	-	3

PREVALENCE OF, AND CONTROL OVER,
INFECTIOUS DISEASE.

Anterior Poliomyelitis.

One baby aged 18 months developed this disease in January, and a considerable amount of permanent paralysis resulted. The source of his infection remained a complete mystery.

3,111 people received two injections of poliomyelitis vaccine and 61 had three - a very satisfactory state of affairs.

Diphtheria.

No case of this disease occurred. 222 children received their primary inoculations and 23 had booster injections during 1958.

Food Poisoning.

This was the first notification of food poisoning in the Rural District for many years. The source of poisoning remained unidentified.

Pneumonia.

Only 2 cases were notified during the year, one in Eskdale and one in Millom.

Sonne Dysentery.

There were 22 cases, of which all but two occurred in one outbreak at Haverigg Camp. The source was probably a symptomless carrier who sold at the camp shop. After her suspension from work the outbreak ceased. None of the cases gave any cause for anxiety.

TUBERCULOSIS

The following table gives particulars of cases notified and of the deaths during 1958,

Age Group	New cases				Deaths			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	M	F	M	F	M	F	M	F
0 - 1	-	-	-	-	-	-	-	-
1 - 5	-	-	-	-	-	-	-	-
5 - 15	1	-	1	-	-	-	-	-
15 - 25	1	-	-	-	-	-	-	-
25 - 35	1	-	-	-	-	-	-	-
35 - 45	-	-	-	-	-	-	-	-
45 - 55	-	-	-	2	2	-	-	-
55 - 65	2	-	-	-	1	-	-	-
65 & over	2	-	-	-	-	-	-	-
Total	7	-	1	2	3	-	-	-

There were 10 notifications compared with 23 in 1957.

One male and one female who were on the register died from causes other than tuberculosis.

The death rate from all forms of tuberculosis for this area was .20 compared with .10 per 1,000 for England and Wales.

The number of cases on the Tuberculosis Register at the end of 1958 was:-

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Respiratory	60	44	104
Non-respiratory	9	14	23

The total of 127 is 7 less than that for 1957.

MASS RADIOGRAPHY UNIT.

1,748 people attended for X-ray - 19 more than in 1957. Only one new case of active tuberculosis and 2 new inactive cases were discovered. These figures, especially when taken in conjunction with the smaller number of notifications for the year, are very encouraging.

Of the 19 found with pneumoconiosis, 17 were already known to us.

MASS RADIOGRAPHY UNIT, CARLISLE.

Summary of Statistical Information

		BOOTLE		MILLOM			
		General Public	Contact Cases	Doctors' Cases	General Public	Contact Cases	Doctors' Cases
A.	No. of Miniature Films	157	11	3	1098	250	52
B.	No. recalled for large film	5	1	1	62	15	35
C.	No. recalled for clinical examination	2	-	-	10	6	3
<u>ABNORMALITIES REVEALED</u>							
1)	Non-tuberculosis conditions	-	-	-	-	-	2
a)	Bronchictasis	-	-	-	10	3	6
b)	Pneumoconiosis	-	-	-	-	-	19
c)	Neoplasms	-	-	-	-	-	-
d)	Sarcoidosis	-	-	1	-	-	1
e)	Cardiovascular conditions	-	-	5	-	-	5
f)	Diaphragmatic abnormalities	-	-	-	-	-	-
g)	Miscellaneous	2	-	1	4	-	-
2)	Pulmonary Tuberculosis	-	-	-	-	-	7
a)	Active	-	-	1	-	-	1
b)	Inactive	-	-	7	6	-	1
c)	Active (Previously known)	-	-	1	-	15	1
3)	Failed to attend for large film	2	1	-	-	2	3
4)	Not yet diagnosed	-	-	-	-	-	7

(20)

MANTOUX TESTING AND B.C.G. VACCINATION OF CHILDREN BORN IN 1944.

MILLOM AREA SCHOOLS.

School.	Number of children in 1944 age group as shown on nominal roll.	Number of consents given to Mantoux & B.C.G.	Number tested.	Number negative.	Number positive.	Number given B.C.G.
Eskdale	6	6	5	5	1	4
Seascale County Captain Shaw's	10	7	4	2	2	6
Hycemoor	7	6	6	6	-	6
Muncaster	6	6	5	5	2	3
Waberthwaite	5	3	3	2	1	1
Silecroft	8	8	7	7	1	7
Haverigg Boys'	5	3	2	2	1	2
Haverigg Girls'	11	5	5	2	1	5
Thrayaites	9	9	5	5	4	5
Millom Boys'	4	4	4	4	-	4
Millom Girls'	42	33	30	17	13	17
St. James', Millom.	35	29	26	14	12	14
Millom School	17	16	16	10	6	10
Calder Girls', Seascale.	48	39	38	23	15	23
Seascale Preparatory.	27	17	16	14	2	14
	4	2	1	1	1	1
Total	242	193	183	119	64	119

The percentage of positive reactors in the Rural District was 34.9, the figure for Cumberland being 24.8. The worst school gave a percentage of 46.15 against 55 in the previous year.

(21)

FACTORIES ACT, 1937.

Part 1 of the Act.

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. on Reg. (2)	Inspect- ions (4)	Number of		M/c line No. (7)
			Written Notices (5)	Occupiers Prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	38	20	6	-
					1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	74	61	1	-
					2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out- workers' premises)	3	14	11	2	-
					3
TOTAL		126	92	9	-

2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found		Number of cases in which prosecutions were instituted		M/c line No. (8)
		Found (3)	Remedied (4)	---Referred--- To H.M. By H.M. Inspector (5)	---Inspe- ctor (6)	
Want of cleanliness (S.1)	4	6	6	-	-	4
Overcrowding (S.2)	5	-	-	-	-	5
Unreasonable temperature (S.3)	6	-	-	-	-	6
Inadequate ventilation (S.4)	7	-	-	-	-	7
Ineffective drainage of floors (S.6)	8	2	2	-	-	8
Sanitary Conveniences (S.7)	9	-	-	-	-	9
(a) Insufficient	10	2	2	-	-	10
(b) Unsuitable or defective	11	-	-	-	-	11
(c) Not separate for sexes	12	-	-	-	-	12
Other offences against the Act (not including offences relating to Outwork)	60	10	10	-	-	60
TOTAL						

(23)

PART VIII OF THE ACT

OUTWORK

(Sections 110 and 111)

Nature of Work M/c line No.	Section 110			Section 111			M/c line No.
	No. of out-workers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council (4)	No. of prosecutions for failure to supply lists	No. of instances of work in unwhole-some premises	Notices served	Prosecutions	
Wearing apparel (Making, etc.)	13	29	-	-	-	-	13

(M/c line No's 14 to 44 - Nil)

PORT OF MILLOMAnnual Report for 1958.SECTION I - Staff

NO CHANGE.

SECTION II - Amount of shipping entering the district during the year

TABLE B

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had, during the voyage, infectious disease on board
			By the Medical Officer of Health	By the Chief Public Health Inspector	
Foreign Ports	-	-	-	-	-
Coastwise	118	27,771	-	37	-

SECTION III - Character of shipping and trade during the year

TABLE C

Passenger Traffic	(Number of passengers INWARDS	NIL.
	(Number of passengers OUTWARDS	
Cargo Traffic	(Principal IMPORTS	NIL.
	(Principal EXPORTS	Pig Iron & Ingot Moulds.
Principal Ports from which Ships arrive		Liverpool, Belfast, Silloth.

SECTION IV - Inland barge traffic

There is no inland barge traffic.

SECTION V - Water Supply

NO CHANGE.

SECTION VI - Public Health (Ships) Regulations, 1952

NO CHANGE.

SECTION VII - Smallpox

- (1) Smallpox cases would be sent to Langley Park Hospital, County Durham. In the event of an outbreak occurring, Fairhill Hospital, Penrith, would be called into action.
- (2) The Cumberland County Council is responsible for the ambulance which would come from the Fairhill Isolation Hospital, Penrith. The ambulance crew have all been vaccinated and the matter is kept under review.
- (3) Smallpox consultant available:-

Dr. D.G. Davies, Pathological Laboratory, Cumberland Infirmary, Carlisle. Tel: Carlisle 22332.

- (4) Facilities for laboratory diagnosis of smallpox are available at the Cumberland Pathological Laboratory, Carlisle.

SECTION VIII - Venereal Disease

NO CHANGE.

SECTION IX - Cases of notifiable and other infectious diseases on ships

NIL.

SECTION X - Observations on the occurrence of malaria in ships

There were no cases of malaria.

SECTION XI - Measures taken against ships infected with or suspected for plague

There were no ships infected with or suspected for plague.

SECTION XII - Measures against rodents in ships from foreign ports

- (1) There were no ships from foreign ports, but all such ships would be inspected by the Medical Officer of Health and/or the Chief Public Health Inspector.
- (2) Bacteriological or pathological examination of rodents would be carried out at the Cumberland Pathological Laboratory, Carlisle.
- (3) Any ship requiring deratting would be dealt with by the Port Health Authority of Barrow-in-Furness, which is the nearest Approved Port.
- (4) As no food is imported and there are no warehouses at the dock, further rat-proofing of ships is not thought necessary.

TABLE E

Rodents destroyed during the year in ships from foreign ports

NIL.

TABLE F

Doratting Certificates and Deratting Exemption Certificates issued during the year for ships from foreign ports.

NIL.

SECTION XIII - Inspections of ships for nuisances

TABLE G

Inspections and Notices

NIL.

SECTION XIV - Public Health (Shell-fish) Regulations 1934 and 1948

NO CHANGE.

SECTION XV - Medical Inspection of Aliens

NO CHANGE.

SECTION XVI - Miscellaneous

NO CHANGE.

SANITARY INSPECTIONS OF THE AREA.ANNUAL REPORT OF THE SURVEYOR & CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR 1958.

To Dr. E.A. Perrott,
Medical Officer of Health.

Madam,

I have pleasure in submitting for your consideration my 23rd. Annual Report on the work carried out in my department during the year ending 31st. December, 1958.

HOUSING.

Again, from the details herewith set out you will note that the general and routine surveys and inspections throughout the District, together with the repairs and many improvements which it has been possible to effect, have been satisfactorily maintained.

Housing development by the Council, as you will be aware, has been temporarily suspended, which was due entirely to the increased borrowing rates of interest from the Public Works Loan Board, and the decision of the Council to "suspend all such development until these interest rates are considerably reduced" was well meant from the ratepayers point of view but, no doubt, very disappointing to the many applicants for housing accommodation whose conditions, as far as home life is concerned, cannot help but be rapidly deteriorating.

It would have been a retrograde step, however, to have continued the building of houses which would, with the increased Interest Rates and labour charges, on completion have cost in the region of £2,000, with a possible inclusive weekly rental of 50/-d, a figure which would be prohibitive to many applicants on the Council's waiting list.

However, with all the difficulties which have been encountered it has been possible to rehouse several families who were living under very unsatisfactory overcrowded conditions, and this policy will be continued under the present conditions.

Rent Act, 1957.

The Housing Repair and Rents Act, 1954, of which very little advantage was taken, either by owner or tenant, was eventually superceded by the Rent Act, 1957. This has proved more successful and for the increased rental the tenants have, in quite a large number of cases, benefited by the repairs and improvements which it has been possible for the owner to carry out. Particulars of the operation of the Act for the period under review, in which any applications have had to be dealt with by the Council, are:-

(1) No. of applications for Certificates of Disrepair	6.
(2) No. of applications approved:-	
(a) In respect of some, but not all, of the defects	Nil.
(b) In respect to all defects	3.

(3) No. of applications for Certificates refused	Nil.
(4) Undertakings given by Landlords	2.
(5) Work completed before issue of Certificate	1.

HOUSING ACT, 1949.

Applications continue to be received for assistance under the financial provisions of the above Act, and by this means it has been possible to modernise many houses which otherwise would in time have become derelict.

Although such applications are mainly from owner/occupiers, nevertheless, the incentive to improve and extend the life of their dwellings is all for the good of the district and is increasing the standard of housing conditions in properties which would otherwise continue to be neglected and finally become subject to Slum Clearance procedure. There has certainly been no falling off in this work. The necessity for these grants may have been debated both nationally and locally, but whatever opinion is held, the fact remains that in this district, since the Council commenced to operate the Act, 110 more houses have the essential amenities required for comfortable accommodation such as warmth, light, water supply, and most important of all, water borne sanitation.

The following applications have been dealt with:-

Applications Received.

(a) Owners	8.
(b) Owner/Occupiers	32.

Applications approved.

(a) Owners	8.
(b) Owner/Occupiers	30.

Applications Refused or Deferred.

Schemes in Progress 31.12.58.	8.
-------------------------------	----

Applications Withdrawn.

Completion Certificates Issued.	28.
---------------------------------	-----

Summary of Schemes Completed to Date.

(a) By Owners	21.
(b) By Owner/Occupiers	89.

HOUSING ACCOMMODATION.

Applications continue to be received for housing accommodation, preference being for low rented houses, which gives some idea of the financial problems facing many of the applicants.

Applications received	79.
Applications approved	77.
No. of applicants rehoused direct	25.
By exchange or transfer	30.
Applications withdrawn	10.

The number of applicants on the Register at 31st. December, 1958, was:-

Category "A"	97.
Category "B"	134.
<hr/>	
Total	231.
<hr/>	

OVERCROWDING.

Particulars concerning "Overcrowding" will be found under the Housing Appendix.

HOUSING SCHEMES AND DEVELOPMENT.Devonshire Road, Millom.

No further progress has been made in the acquisition of the land in this area for the erection of Traditional Houses and Old Age Pensioners Bungalows.

In this development it is proposed to erect a fair percentage of Old Age Pensioners Bungalows, and when these are completed it will be possible to release many three bedroom type houses on the various estates in Millom, which are now occupied by one and two family units in this grade, and rehouse them in these bungalows.

The urgency of speeding up this development is, therefore, of importance in assisting the Council to provide housing accommodation for the many applicants now on the waiting list whose living conditions are gradually deteriorating.

81, Holborn Hill, Millom.

The conversion of the above premises, or what was previously known as the "Commercial Hotel", into flats was completed during the year, and has provided accommodation for two applicants on the waiting list.

79. Holborn Hill, Millom.

Repairs and improvements at this address are in an advanced stage, and should be completed early in the year. Bathroom facilities and other modifications are being provided.

The accommodation which will be available at this address will be suitable for one of the overcrowded families now on the waiting list.

PROBLEM FAMILIES.

This heading is quite new and has not appeared in any of my previous reports, but it is felt that the Council should be made aware of the considerable time which has to be spent in supervising this type of family. Fortunately we have in this area only 5 such families and although small in number they require a great deal of attention. At times the task appears to be hopeless and regular visits must be made in order to achieve any results. The families concerned are occupying the lower rented type of house owned by the Council, which I consider has its advantages.

No complaint can be made about neglect of the children, as far as being well fed is concerned, but inadequate clothing and lack of cleanliness are some of the problems, which in some cases applies to the parents also and quite definitely to the conditions in the home.

Being in Council controlled houses, opportunity is taken to repair and carry out improvements, and this I consider will, in time, have an effect on these families. In one or two cases this is becoming apparent, and it is hoped that their standard of living will gradually increase. At the present time cleanliness means little or nothing to them.

Apart from the members of my department, including the repair and maintenance staff, who have to visit such premises, the Health visitor and others, who in the course of their duties have to visit these premises, must be added to the list of those whose work should be acknowledged in the Public Health Service.

Frequent reports are being made to the Committee concerned on the progress and improvement made by these families.

SUMMARY OF BUILDING DEVELOPMENT
IN THE AREA.

By Local Authority:

Nil.

By Private Enterprise:

Parish of Millom

1.

Parish of Millom Without

2.

Parish of Muncaster	1.
Parish of Irton-with-Santon	1.
Parish of Eskdale	1.
Parish of Drigg	1.
Parish of Seaside	2.

HOUSING APPENDIX.STATISTICS.(1) Inspections of Dwelling Houses during the year.

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts).	784
(b) Number of inspections made for the purpose.	901
(2) (a) Number of dwelling houses (included under sub-head (1) above, which were inspected and recorded under the Housing (Consolidated) Regulations, 1925 and 1932.	289
(b) Number of inspections made for the purpose.	289
(3) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation.	237

(2) Housing Act, 1936. Part IV. Overcrowding.

(a) (1) Number of dwelling houses overcrowded at the end of the year.	12
(2) Number of families dwelling therein.	18
(3) Number of persons dwelling therein.	89
(b) Number of new cases of overcrowding reported during the year.	8
(c) (1) Number of cases of overcrowding relieved during the year.	7
(2) Number of persons concerned in such cases.	53
(d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding.	Nil.
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.	Nil.

GENERAL INSPECTIONS.

Details of the inspections made, together with a summary of the repairs and improvements effected, are herewith set out:-

Houses - Public Health Acts	474
Houses - Housing Acts	310
New Buildings - inspections	272
Complaints investigated	197
Boats - Port Sanitary inspections	37
Factories Act	128
Outworkers Premises	23
Infectious Diseases cases	9
Food & Drugs Act	302
Food Hygiene Regulations	101
Prevention of Damage by Pests Act (Rodent Control) General	318
" " " " " " " " Agriculture	98
Petroleum Acts	139
Shops Acts	37
Interviews with Owners	1243
Revisits to Property under Notice	647
Bakehouses	68
Fried Fish Shops	35
Public Abattoir	932
Butchers' Shops	71
Ice Cream Premises	68
Dairies, Cowsheds and Milkshops	48
Milk Samples - Graded T.T.	19
" " Ungraded	-
" " Pasteurised	26
" " School Milk	17
Houses Disinfected	17
Houses Disinfested	1
Cinemas & Public Halls	28
Licensed Premises	40
Sewage Disposal Works	50
Cafes, etc.	48
Water Samples	10
Sewage Samples	6
Schools	45
Camping Sites	35
Miscellaneous	257
Informal Notices served - P.H.A.	127
" " " " H.A.	89
Statutory Notices served - P.H.A.	14
" " " " - H.A.	7

IMPROVEMENTS EFFECTED.Dwelling Houses.

Repaired or made fit	303
Provided with Damp Proof Course	11
Roofs repaired	130
Floors repaired, ventilated, etc.	163
Plastered walls and ceilings repaired	281
Windows repaired, made to open etc.	137
Sashcords renewed	68
Food Stores provided, repaired etc.	26
Handrails provided to stairs	13
Stairs repaired	12
Ventilation provided to bedroom	8
Skirting boards provided or repaired	171
Doors repaired, rehung or renewed	214
Renewal locks & furniture	20
Firegrates repaired, reset or renewed	110
Gas supply	10
Electricity supply	21
Chimneys or chimney stacks repaired	46
New sinks provided and fixed	49
Sink wastes repaired or renewed	52
Repair or renewal of draining boards	18
Water supply provided inside houses	15
Water supply repaired or renewed	63
Repair or renewal of water fittings	12
Hot water supply	70
Wash boilers repaired or provided	6
Renewal of Hot and Cold water cisterns	9
Baths provided/renewed	51
Wash Basins provided/renewed	51
External walls pointed	6
Ovens repaired or renewed	16
External walls cemented	36
Eaves gutters and R.W.P. renewed	132
Dangerous walls repaired	26
Yards and passages paved and drained	23
Yard paving repaired	26

Drains, Water Closets and Ashes Accommodation.

Obstructed drains cleansed	207
Obstructed W.Cs. cleansed	187
Yard gullies provided and connected to drains	69
Vent pipes provided/renewed	50
Drains repaired or reconstructed	81
Drains tested	67
Inspection chambers provided	119
Inspection chamber covers renewed	56
W.C. Basins provided/renewed	48
W.C. Cisterns repaired or renewed	67
W.C. seats renewed	20

Septic tanks provided	15
Closet structures repaired	33
Ashpits abolished	4
Dustbins provided	77

Other Nuisances.

Smoke	-
Rats and Mice	60
Accumulation of Refuse	10
Animals improperly kept	3

DISINFESTATION.

1 Dwelling house had to be given attention, the infestation being minor in character. No re-treatment was necessary.

DISINFECTION.

17 Dwelling Houses were given the service of fumigation, and in 3 cases clothing and bedding were given similar treatment.

SMOKE ABATEMENT.

The work under the above heading has now been superceded by new legislation known as the Clean Air Act, 1956.

This Act enables and gives Local Authorities powers to set up smoke control areas.

As this Rural District has no industries which would be likely to cause nuisance by the emission of excessive quantities of black smoke, no action has been taken or is contemplated at the moment to schedule any particular part of the area as a Smokeless Zone.

The matter is, however, being kept under close supervision.

INSPECTION AND SUPERVISION OF FOOD.

The duties under this heading include Inspection of all slaughterhouses in the area, and examination of all carcases of animals which have been slaughtered for human consumption.

In the area there are 6 licenced slaughterhouses which are sited as follows:-

<u>Millom</u>	4 (3 are in use regularly, 1 has not been used for some time.)
<u>Bootle</u>	1
<u>Ravenglass</u>	1

The coming into operation of the Slaughter Houses Act, 1958, on the 1st. August, 1958, provides further legislation to assist Local Authorities and their officers to obtain higher standards both in buildings used for slaughtering and also improvements in the methods of slaughtering and the personnel employed.

Report will have to be made to the Ministry on a day appointed by him of all existing slaughter houses and any future requirements, particularly noting their compliance with the requirements of the Act.

As far as the premises in this area are concerned, some will, no doubt, fall short of the standard required, both in structure and siting. In due course all the relevant information relating to the premises in your area will be placed before you at the appropriate time.

The summary here given gives details of the inspections carried out:-

Particulars.	Cattle excluding Cows.	Cows.	Sheep & Lambs.	Pigs.	Calves.
Number killed.	501	242	2925	881	24
Number inspected.	501	242	2925	881	24
<u>All diseases except</u> <u>Tuberculosis.</u>					
Whole carcasses condemned.	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned.	44	68	74	5	-
Percentage of the number inspected affected with diseases other than Tuberculosis.	8.78%	28.09%	2.52%	0.56%	-
<u>Tuberculosis only.</u>					
Whole carcasses condemned.	-	-	-	-	-
Carcases of which some part or organ was condemned.	-	2	-	1	-
Percentage of the No. inspected affected with Tuberculosis.	-	0.82%	-	0.11%	-
<u>Cysticercosis.</u>					
Carcases of which some part or organ was condemned.	-	-	-	-	-
Carcases submitted to treatment by refrigeration.	-	-	-	-	-
Generalised and totally condemned.	-	-	-	-	-

Remarks on Meat Condemned.(1) Diseases other than T.B.(a) Whole carcasses.

Nil.

(b) Portions or Organs of Carcasses.

52 Bovine Livers.
 55 Part Bovine Livers.
 10 Bovine Mesenteries.
 1 Bovine Kidney.
 2 Part Bovine Carcasses.
 5 Pig Livers.
 73 Sheep Livers.

(2) Tuberculosis only.(a) Whole Carcasses.

Nil.

(b) Portions or Organs of Carcasses.

2 Bovine Heads.
 1 Pig Head.

Total weight of meat condemned during 1958.
 " " " " " 1957.

10 Cwt.	- Qrs.	1 St.	10 lbs.
12 Cwt.	3 Qrs.	1 St.	0 lbs.

Of all Bovines Slaughtered:-

None required total condemnation for T.B.

None " " " " " Diseases other than T.B.

15.07% were affected in some degree with Diseases other than T.B.

0.26% required partial condemnation for T.B.

15.34% of all Bovine were affected with some disease requiring condemnation.

Of all Sheep Slaughtered:-

Nil required total condemnation for diseases other than T.B.

2.52% were affected in some degree with diseases other than T.B.
requiring condemnation.

Of all Pigs Slaughtered:-

None required total condemnation for T.B.

None required " " " Diseases other than T.B.

0.11% were affected in some degree with T.B.

0.56% " " " " Diseases other than T.B.

0.68% of all pigs were affected with diseases requiring condemnation.

Of all Calves Slaughtered:-

None required total condemnation for T.B.

None " " " Diseases other than T.B.

None were affected with diseases other than T.B.

Slaughter of Animals Act. 1933 - 1954.

The number of licenced slaughtermen under the above Act totals 35.

FOOD AND DRUGS ACTS, 1955.Hygiene Regulations, 1955.

Periodical inspections have been made to shops and food preparing premises, and by these visits and personnel supervision, it has been apparent that at some premises there are matters still requiring attention, but it is pleasing to report that there has been an increase in the standard of cleanliness at most of the food premises.

The defaulters are in the minority and these will, in the near future, be brought into line.

The attitude on the part of the trader to comply with the requirements of the Regulations is very encouraging and indicates an awareness of the importance of hygiene in such premises.

Formal action has not up to the present had to be taken.

The following foodstuffs were found upon examination to be unfit for human consumption and were accordingly voluntarily surrendered and destroyed:-

35 Tins Pears.	1 Tin Strawberries.	10 Tins Salmon.
44 Tins Pineapples.	2 Tins Orange Juice.	28 Tins Tuna Fish.
21 Tins Fruit Salad.	7 Tins Cream.	3 Tins Pilchards.
30 Tins Apricots.	24 Tins Evap. Milk.	9 Tins Shrimps.
11 Tins Grapefruit.	41 Tins Tomatoes.	4 Tins Sardines.
27 Tins Oranges.	18 Tins Garden Peas.	1 Tin Crayfish.
13 Tins Grapes.	30 Tins Processed Peas.	6 Stone Wet Fish.
13 Tins Peaches.	11 Tins Beans.	28 lbs. Flour.
6 Tins Cherries.	38 Jars Mayonnaise.	6 lbs. Sugar.
4 Tins Plums.	5 Jars Beetroot.	33 lbs. Cake.

47 Chocolate Rolls.	83 lbs. Cooked Ham.	9 Tins Pork Luncheon Meat.
1 Meat Pudding.	9 lb. Shoulder Ham.	2 Tins Jellied Veal
12 lbs. Jellied Veal.	18 lb. Gammon Ham.	28 Tins Stewed Steak.
44 lbs. Pork Luncheon Meat.	6 lb. Middle Bacon.	12 Tins Meat Paste.
132 lbs. Corned Beef.	48 lb. Shoulder Bacon.	24½ cwt. Potatoes.
36 lb. Ox Tongue.	60 lb. Beef Sausages.	
10 lb. Roast Pork.	7 Tins Minced Beef Loaf.	

I am indebted to Mr. A. Garratt, Chief Inspector, Weights and Measures Department, Cumberland County Council, for the following details of samples taken in this Council's area, and the results of the analysis of such samples:-

	<u>Number of Samples obtained</u>	<u>Genuine</u>	<u>Unsatisfactory</u>
Milk	28	24	4
Other Samples	12	12	-
	<hr/>	<hr/>	<hr/>
	40	36	4
	<hr/>	<hr/>	<hr/>

The four samples of milk classed as unsatisfactory, were in effect genuine but sub-standard. The producers concerned were advised to take steps to improve the quality of the milk from their herds.

Schedule of Articles
Other than Milk.

Chemical Food
Clotted Cream
Cod Liver Oil
Ice Cream
Laxative Tablets
Lemonade Powder
Lung Tonic
Malt Vinegar
Mint Cake
Sauce Melba
Sweets - Old Fashioned Butters
Treacle Brittle

MILK REGULATIONS, 1936-49.

Particulars and results of samples taken are as follows:-

	<u>Samples Taken.</u>	<u>Satisfactory.</u>	<u>Unsatisfactory.</u>
Pasteurised	26	22	4
Graded T.T.	19	16	3
School Milk	17	15	2

In the Parish of Millom all the milk consumed at the schools is pasteurised and obtained from a local dairy. The schools in the other Parishes are supplied with Graded T.T. milk from selected farms, after inspections and reports on such farms and dairy premises have been submitted to the County Medical Officer's Department for their information prior to tenders being accepted for such supplies.

Milk & Dairies Regulations, 1949.Registered Distributors:-

Dairy Promises	-	22.
----------------	---	-----

Milk (Special Designation) (Raw Milk) Regulations, 1949.

Dealers Licences - T.T. Milk	-	8.
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Milk (Special Designation) (Pasteurised or Sterilised Milk) Regulations, 1949.Retail Distributors:-

Pasteurised	2	2.
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The Department is indebted to the Laboratory service and Dr. J.S. Faulds for their co-operation in the examination of the milk samples and the resultant explanations received.

ICE CREAM.

66 Premises are registered for the Storage and Sale of Ice Cream under Section 16 of the Food and Drugs Acts, 1955. In each instance the ice cream is received from Manufacturers and is pre-packed prior to sale, which obviates any possibility of contamination.

2 Premises are registered also for the manufacture of ice cream and in these cases more frequent inspection and supervision is made.

REFUSE COLLECTION & DISPOSAL.

The work in this department has proceeded reasonably satisfactorily throughout the year, although labour difficulties have had to be contended with through sickness of several of the older employees.

Every effort has been made to keep to the schedule of refuse collection days and times in each Parish, and no major complaints were received regarding negligence. Any reports on default received were investigated and rectified immediately.

Difficulties were encountered during the year on the Mainsgate Road, Millom, tipping site, caused by the flooded conditions which were always present and the inability to obtain sufficient suitable material from the sub-soil on the site to complete the top covering. Owing to the quantity of surface water on the site considerable laying and relaying of sewers had to be carried out in order to dry up a large part of the tipping area, and as a precaution against the vehicles getting fast on the site.

This site is, however, nearing completion and negotiations have already been commenced to obtain a new disposal site.

Time lost in the Department through sickness and other causes was 388 days as against 526 days in 1957.

The amount paid in sick leave was (less National Health Deductions)

£293. 7. 10d. as against £192. 1. 7d. (1957)

Cost of collection and disposal:-

Per Ton 19/11 $\frac{3}{4}$ d. as against £1. 1. 2d. (1957). Decrease: 1/2 $\frac{1}{4}$ d.

Per Head

of

Population ~ 10/8 $\frac{3}{4}$ d. as against 11/1 $\frac{1}{2}$ d. (1957). Decrease: 4 $\frac{3}{4}$ d.

Details for the year are as follows:-

	<u>Bins.</u>	<u>Pits.</u>
Millom	184,120	130
Millom Without	6,192	389
Seascale	37,371	3
Drigg	4,636	-
Irton	5,895	25
Waberthwaite	3,872	--
Bootle	9,889	12
Muncaster	3,986	-
Eskdale	5,926	2
Whicham	4,125	43
Ulpha	2,978	-
	268,990	604

Loads of refuse removed during the year:-

	<u>Loads.</u>	<u>Tons.</u>	<u>Cwts.</u>
Dennis 1	773	2013	14
" 2	379	825	5
" 3	1471	3771	5
" 4	427	1075	10
	3050	7685	14

Miles travelled by the various vehicles during the year are as follows:-

Dennis 1	8379
" 2	4720
" 3	6162
" 4	10534
	29795

Public Health Act, 1936, Section 75.

77 Dustbins were disposed of by this Department during the year.

SALVAGE.

The collection of waste paper, textiles, metals, was again continued during the year, but from the details herewith set out it will be noted that there was a considerable drop in tonnage with a resultant decrease in income.

This defect cannot all be attributed to the householders, but arises from the very low allocation which was given from the Mills. The market for baled tins is also practically finished which has caused additional labour requirements on the tipping sites for burying this material.

Unless there is an improvement in the revenues for the disposal of these salvaged materials there will be no other alternative but to cease the special collection of such materials as newspapers etc., and this could add trouble at the disposal site, because apart from the householders disposing of what they can at home, a considerable quantity will now find its way into the dustbins.

	1958.				1957.		
	Tons.	Cwts.	Qrs.	Stns.	Tons.	Cwts.	Qrs.
Newspapers	10	8	0	0	21	17	0
Mixed Papers	34	4	2	0	51	12	3
Baled Tins	14	5	0	0	5	3	0
Black scrap	13	5	1	0	8	4	0
Rags		15	3	0	1	6	0
Lead			2	0		1	0
Copper		1	1	0		1	1
Brass			2	0	-	-	-
	-----	-----	-----	-----	-----	-----	-----
	73	0	3	1	88	5	0
	-----	-----	-----	-----	-----	-----	-----
Total Revenue	£451.	8.	3d.		£661.	13.	8d.
	=====	=====	=====	=====	=====	=====	=====

PREVENTION OF DAMAGE BY PESTS ACT 1949.RODENT CONTROL.

Surveys in connection with Rodent Control were continued during the year. There was no major infestation of dwelling houses. Complaints were received from 54 occupiers, to which attention was given, and no retreatment was necessary at any of the premises.

All sewers in Parishes where main drainage facilities are provided have also been given attention, and at frequent intervals the various tipping sites.

The contract work under the Act which was carried out by the Ministry of Agriculture, Fisheries & Food for several years, in connection with infestations on agricultural premises, farms etc., has now ceased. Fortunately, no complaints have been received from any of these premises so far, but I understand that private firms have now taken up this work and have made contracts with several farms in this area.

Particulars of surveys and results are as follows:-

Local Authority.	Dwelling Houses (inc. Council Houses),	Type of Property.			Agricultural.
		All others (including Business Premises).	Total (1) (2) & (3).		
<u>Number of properties inspected as a result of:</u>					
(a) Notification	-	23	8	31	-
(b) Survey under the Act	28	78	62	168	63
(c) Otherwise (e.g. when visited primarily for some other purpose).	9	42	39	90	14
<u>Total inspections carried out - including re-inspections:</u>	58	151	109	318	98
<u>Number of properties inspected (in Sec.1) which were found to be infested by:-</u>					
(a) Rats (Major)	-	-	-	-	-
(Minor)	7	39	6	52	14
(b) Mice (Major)	-	-	-	-	-
(Minor)	-	15	8	23	-
<u>Number of infested properties (in Sec.1V) treated by L.A.</u>	7	13	8	28	-
<u>Total treatments carried out - including re-treatments</u>	16	15	15	46	-

Treatment of Sewers.

No. of manholes Baited	145
No. of Manholes showing prebait take	10
No. " " " complete prebait take	13
No. " " " complete poison take	4

CLOSET ACCOMMODATION.

The conversion of earth closets and pail closets to the water carriage system of sanitation has continued throughout the year.

The number of dwelling houses concerned in this much needed improvement are as follows:-

Parish of Millom Without	8
" " Bootle	3
" " Waberthwaite	1
" " Drigg	1
" " Eskdale	1
" " Irton-with-Santon	3

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SEWERAGE AND SEWAGE DISPOSAL.Millom.

Owing to subsidence of the 9" main sewer in Back Newton Street/Castle Street, 23 yards of new sewer was relayed in reinforced concrete, and an additional manhole provided.

Extension of the main sewer a further 10 yards was carried out at Pannatt Hill.

Blockage and damage to the sewer in Back Lonsdale Road necessitated the renewal of 4 - 15" sewer pipes and construction of 1 manhole.

12 defective and worn out manhole covers and frames have been renewed on the main trunk sewers.

1 New manhole was constructed on the main sewer in the Foundry Yard at the Ironworks.

Repairs to 1 manhole in Duke Street and renewal of defective brickwork has been given attention.

Arising from exceptional rainfall, overloading of the main sewers occurred in the Wellington Street, Albert Street, King Street and Newton Street areas. This caused flooding of several houses but no damage was caused.

Millom Without.

39 Yards of 4" sewer was relayed and inspection chamber constructed at The Hill.

3 Septic tanks were cleared and put in order.

Millom Without - Disposal Works.

Settling tank has been pumped off and the works are now operating satisfactorily.

Bootle.

2 Septic tanks were cleared and put into working order.

Bootle - Disposal Works.

Except for minor repairs, the works generally have operated satisfactorily. 8 Sludge beds were cleaned out and re-ashed.

Waberthwaite.

3 Septic tanks have been cleared.

Muncaster.

1 Dwelling house was disconnected from septic tank drainage and connected direct to the Council's main sewer.

Eskdale.

After receiving a report on the condition of the effluent discharge at the Outward Bound Mountain School, 4 of the settling tanks were cleared and put into satisfactory working order.

The condition of this effluent having been most unsatisfactory for sometime, the Board were requested to have the tanks cleared more frequently and a contract has now been made with a firm who specialise in this class of work to do this at intervals of every 3 months. This will enable the tanks to work more efficiently, but it will be necessary in the near future to make provision for a more modern type of sewage disposal works.

Eskdale - Disposal Works.

These works have operated satisfactorily throughout the year.

CARAVAN SITES.

The licenced caravan and camping sites in the area have continued to be maintained in satisfactory order. No infringements of the Regulations have been noted.

Sites for 35 caravans are now available on the Lakes Planning Board "Brickfield" Site at Silcroft. An additional water service has been provided and improvements made to the entrance and also to the road on to the site.

The question of the provision of improved sanitary arrangements was discussed with the Board's representatives at a meeting held on the site, and this is to be the next major improvement scheme, which I hope will materialise in the not too distant future. The attention which is required to the Elsan Closets is adding to the work of the cleansing department as the population increases on the site.

No. of Licences issued to Use Land as a Site for Moveable Dwellings	13.
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No. of Licences issued to Station and Use a Moveable Dwelling	44.
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PETROLEUM REGULATIONS ACTS.

Surveys of 139 premises have been made under the above Regulations.

Licences approved and issued for the storage of Petroleum total 35.

FACTORIES ACT, 1937.

Details of the work carried out under the above Act will be found in the Medical Officer of Health's report (Pages 21, 22 and 23).

In addition to the information contained therein, visits were made to 23 outworkers premises. "Outworkers" are employees who carry out work for an employer in their own homes. Periodical visits are made to ensure that the work is being carried out in satisfactory conditions, cleanliness etc., and that all persons are free from infection. In each instance the employee was complying with the requirements of the Act. The employers notified immediately the name and address of all persons engaged under this heading.

SCHOOLS.

Inspections have periodically been made at the Schools, and the co-operation of the County Architects Department is appreciated in rectifying defects which have been reported.

In conclusion, I again take this opportunity of thanking the Chairmen and members of the various Committees and the Council for their co-operation and consideration of all matters placed before them.

I extend my thanks also to you and the members of my Department for continued co-operation and assistance during the year.

I am,

Your obedient Servant,

J. HANKEY,

Surveyor and Chief Public Health Inspector.



